cheekerwork. Another variant which will affect the actual checkerwork lies in the number of pass units making up the length and width of the chamber.

TABLE 17

	Gas Checker	Air Checker
The lineal amount of pass and brickwork required will be determined: For 63 mm (2.5 in) walls:	4,763 m 00	
air =166 37 -=-0 0199 =		8,361 m
Pass for gas = 76 72-7-0	4,736 m	
air = 134 69 -r 0.0162 =		8,314m
For 50 mm (2.0 in) walls: Brick for gas = 94 78-?-0	7,830m 00	
air =166 37 -~0 0125=		13,309 m
Pass for gas = 76 72-7-0 0100 =	7 672 m	
air =134 69-r-O 0100=		13 469 m
The heating surface available in these checkers will be: For 63 mm (2.5 in) wall: 4763.00X4X0 127=	2,419 m^2 00	
8361.00X4X0.127=		4 247 m^2
For 50 mm (2.0 in) wall: 7,830.00X4X0.100=	26,028 sq ft	45,680 sq ft
13,469.00X4X0.100=		5 388 m^2
The corrected volume of checkerwork will be: For 63 mm (2.5 in) wall: 4763.00X0.0361 = ...	33,715 sq ft	58,000 sq ft
8362.00X0.0361 =		301 m^3
For 50 mm (2.0 in) wall: 7,830.00X0.0225 = ...	6,073 cu ft	10,657 cu ft
13,469.00X0.0225=		303 m^3
	6,225 cu ft	10,703 cu ft